

BOOK OF PROCEEDINGS

**Sixth International Scientific Agricultural Symposium
“Agrosym 2015”**

AGROSYM 2015



Jahorina, October 15 - 18, 2015

Impressum

Sixth International Scientific Agricultural Symposium „Agrosym 2015“

Book of Proceedings

Published by

University of East Sarajevo, Faculty of Agriculture, Republic of Srpska, Bosnia
University of Belgrade, Faculty of Agriculture, Serbia
Mediterranean Agronomic Institute of Bari (CIHEAM - IAMB) Italy
International Society of Environment and Rural Development, Japan
Balkan Environmental Association, B.EN.A, Greece
University of Applied Sciences Osnabrück, Germany
Selçuk University, Turkey
Perm State Agricultural Academy, Russia
Biotechnical Faculty, University of Montenegro, Montenegro
Institute for Science Application in Agriculture, Serbia
Institute of Lowland Forestry and Environment, Serbia
Institute of Forestry, Podgorica, Montenegro
Academy of Engineering Sciences of Serbia, Serbia
Agricultural Institute of Republic of Srpska - Banja Luka, Bosnia and Herzegovina
Maize Research Institute „Zenan Polje“ Serbia
Balkan Scientific Association of Agricultural Economics, Serbia
Institute of Agricultural Economics, Serbia

Editor in Chief

Dusan Kovacevic

Technical editors

Sinisa Berjan
Milan Jugovic
Velibor Spalevic
Nouredin Driouech
Rosanna Quagliariello

Website:

<http://www.agrosym.rs.ba>

CIP - Каталогизација у публикацији

Народна и универзитетска библиотека
Републике Српске, Бања Лука

631(082)(0.034.2)

INTERNATIONAL Scientific Agricultural Symposium "Agrosym
2015" (6 : Jahorina)

Book of proceedings [Elektronski izvor] / Sixth International
Scientific Agricultural Symposium "Agrosym 2015", Jahorina,
October 15 - 18, 2015 : [editor in chief Dušan Kovačević]. - East
Sarajevo - Istočno Sarajevo : Faculty of Agriculture - Poljoprivredni
fakultet, 2015. - 1 elektronski optički disk (CD-ROM) : tekst, slika ;
12 cm

CD ROM čitač. - Nasl. sa nasl. ekrana. - Bibliografija uz svaki rad. -
Registar.

ISBN 978-99976-632-2-1

CORISS RS-ID 5461016

LJUPCHO MIHAJLOV, SANJA KOSTADINOVIĆ VELIČKOVSKA	1127
ECONOMIC CHALLENGES OF ORGANIC FARMS IN POLAND	
WIOLETTA WRZASZCZ, JÓZEF ST. ZEGAR.....	1132
THE POSSIBILITY OF USING WASTE BIOGAS PLANT (DRY RESIDUE AND PELLETS) AS FERTILIZER	
NATALIA NIKITSKAYA	1140
EFFICIENCY OF MINERAL FERTILIZERS AND BIOLOGICAL NITROGEN ON BARLEY	
ANTONINA KOSOLAPOVA, VLADIMIR OLEKHOV, NATALYA MUDRYKH, IGOR TETERLEV, IRINA YASHININA	1145
TESTING CONSTITUTION AND REPRODUCTIVE POTENTIAL OF SVRLJIG ZACKEL SHEEP FOR ORGANIC PRODUCTION IN EAST SERBIA	
ALEKSANDAR COJKIĆ, MILA SAVIĆ, ZSOLT BECSKEI, BRANKO PETRUJKIĆ, VLADIMIR DIMITRIJEVIĆ, NIKOLA ČOBANOVIĆ, LIDIJA MILOVANOVIĆ, MENSUR VEGARA.....	1151
SEASONAL CHANGES OF MICROBIAL POPULATION IN MAIZE AND SOYBEAN RHIZOSPHERE UNDER CONVENTIONAL AND ORGANIC GROWING SYSTEMS	
DRAGANA BJELIĆ, NASTASIJA MRKOVAČKI, JELENA MARINKOVIĆ, BRANISLAVA TINTOR, IVICA ĐALOVIĆ.....	1156
EFFECTS OF ORGANIC FARMING ON SOIL COMPACTION	
JOVICA VASIN, MILORAD ŽIVANOV, JORDANA NINKOV, STANKO MILIĆ, BRANISLAV ŽEŽELJ	1162
CROP INTERACTIONS IN GREEN BEAN INTERCROPPING WITH LETTUCE AND RADISH	
MILAN UGRINOVIĆ, SNEŽANA OLJAČA, NEBOJŠA MOMIROVIĆ, ŽELJKO DOLJANOVIĆ, MILKA BRDAR JOKANOVIĆ, MLADEN ĐORĐEVIĆ	1167
THE IMPACT OF BIOCHAR ON HYDRAULIC CONDUCTIVITY OF THE SOIL	
JANA DOMANOVÁ, DUŠAN IGAZ, TOMÁŠ BORZA, JÁN HORÁK.....	1173
POTENTIAL OF RHIZOBIUM AND BRADYRHIZOBIUM SPECIES AS PLANT GROWTH PROMOTING RHIZOBACTERIA ON PADDY (ORYZA SATIVA L.)	
KANKANAM PATHIRANAGE PUBUDU MAHESHYA, PINNADUWAGE NEELAMANIE YAPA.....	1178
CAN BIOCHAR AMENDMENT BE AN ECOLOGICAL FARMING TECHNOLOGY TO INCREASE SOYBEAN (GLYCINE MAX L.) GROWTH AND YIELD?	
MEEGALLA RALALAGE SAHANI PULARA MEEGALLA, PINNADUWAGE NEELAMANIE YAPA	1184
PLANT EXTRACTS AS AN ORGANIC CONTROL AGENT FOR SPIDER MITES TETRANYCHUS URTICAE (TETRANYCIDAE: ACARINA) KOCH	
AYŞE YEŞİLAYER, EYÜP CAN MATUR, GİZEM DOĞAR.....	1190
WEED CONTROL WITH ESSENTIAL OILS IN ORGANIC FARMING	
MEHMET ARSLAN, İLHAN UREMİS.....	1194
THE PROSPECTS OF THE APPLICATION OF PREPARATIONS BASED ON BENEFICIAL MICROORGANISMS IN ORGANIC AGRICULTURE	
OKSANA NAYDYONOVA	1201
STUDY OF SOME BIOLOGICAL MICROBIOLOGICAL CHARACTERISTICS OF SOIL AND RHIZOSPHERE FABIA BEAN (VICIA FABIA L. VR EQUINA AND MINOR)	
HAMMA WASSILA.....	1209
ENVIRONMENT PROTECTION AND NATURAL RESOURCES MANAGEMENT.....	
DIRECT SEEDING EMERGENCE IN THE AGRICULTURAL FARMS OF THE SETIF PLAIN (ALGERIA)	
RYMA LABAD, TARIK HARTANI	1217